

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0787311002](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, Vertical Press-Fit, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm, Tail Length 2.53mm, Black Housing, Black Latch

Documents:

Drawing (PDF)	Application Specification AS-78731-003-001 (PDF)
3D Model (PDF)	Packaging Specification PK-78731-001-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	62202-3810
-------------------------------	------------

General

Product Family	Memory Module Sockets
Series	78731
Component Type	Socket
JEDEC Outline	MO-309
Overview	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
UPC	887191484396

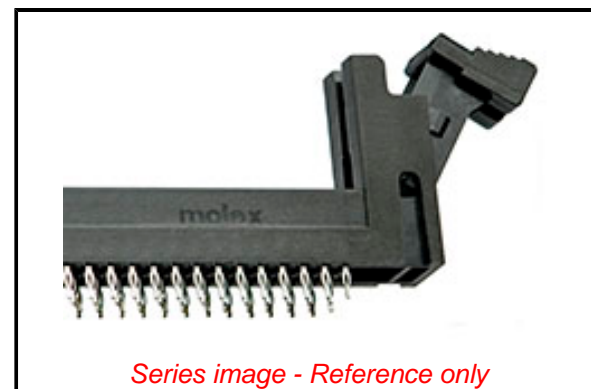
Physical

Circuits (Loaded)	288
Circuits (maximum)	288
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	None
Latch Color	Black
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Polyamide
Net Weight	7.464/g
PC Tail Length	2.53mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tray
Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Press-Fit

Electrical

Current - Maximum per Contact	0.75A
Voltage - Maximum	29V AC (RMS)/DC

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[78731 Series](#)

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-78731-003-001
Electrical Model Document	EE-78731-001-001, EE-78731-003-001, EE-78731-006-001, EE-78731-007-001
Packaging Specification	PK-78731-001-001
S-Parameter Model	SP-78731-001-001, SP-78731-003-001, SP-78731-006-001, SP-78731-007-001
Sales Drawing	SD-78731-001-001

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIMM Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[1-1932649-2](#) [1-1761024-0](#) [2309411-5](#) [10116658-252ASLF](#) [5390471-1](#) [2309413-3](#) [78507-0061](#) [KIT-SODIMM-1X16GB/01](#) [10129206-0010013LF](#) [10086891-052TSLF](#) [10079192-11102LF](#) [10116658-152FSLF](#) [10129206-0011113LF](#) [1-2308107-0](#) [2013310-1](#) [2013289-1](#) [390111-1](#) [390112-1](#) [2309413-1](#) [2309407-1](#) [2309414-1](#) [10081530-12208LF](#) [151080-0001](#) [78726-1004](#) [10005639-11107LF](#) [10005639-11109LF](#) [10005639-12207LF](#) [10023061-10207LF](#) [10033853-252FSLF](#) [10033853-052ASLF](#) [10033853-052FSLF](#) [10033853-152FSLF](#) [10033854-052FSLF](#) [10034542-10002LF](#) [10037402-12207LF](#) [10081530-11107LF](#) [10081530-12207LF](#) [10081530-12218LF](#) [10124632-0030001LF](#) [10124806-01006LF](#) [10145891-0320J13LF](#) [10145226-0241N13LF](#) [59354-052FSLF](#) [59355-052FSLF](#) [DDR4288S0211TF](#) [DDR4288S0511H](#) [DDR4288S0511TF](#) [DDR4288V0123TF](#) [DDR4288V0213TF](#) [DDR502112001K](#)